

In the Claims:

Please amend Claims 1-6, 11, 12, 15, 17, 18-22, 29 and 30 as indicated below.

The status of all pending claims is as follows:

AS  
1. (Currently Amended) A lighting apparatus comprising a light source for emitting light, and a linear photoconductor for reflecting the light incident on a plurality of light reflection portions formed on a reflection side from the light source, and causing the light to exit linearly from an exit side opposed to the reflection side,

the light emitted by the light source being introduced into the linear photoconductor through the end of the linear photoconductor,

planes of the ~~plurality of plural~~ light reflection portions being respectively tilted at a plurality of different angles which according to the positions of the light reflection portions so that converge the light is converged to the human eyes watching on a viewpoint.

2. (Currently Amended) A lighting apparatus comprising a light source for emitting light, and a linear photoconductor for reflecting the light incident on a plurality of light reflection portions formed on a reflection side from the light source, and causing the light to exit linearly from an exit side opposed to the reflection side,

the light emitted by the light source being introduced into the linear photoconductor through the end of the linear photoconductor,

planes of the plural light reflection portions ~~are~~being respectively tilted at a plurality of different angles according to the positions of the light reflection portions so that the light exits substantially vertically to the longitudinal direction of the linear photoconductor.

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3. (Currently Amended) A lighting apparatus according to claim 1,  
wherein

the plural light reflection portions are the same V-shaped grooves, one planes of ~~with~~which are the planes of the light reflection portions.

4. (Currently Amended) A lighting apparatus according to claim 2,  
wherein

the plural light reflection portions are the same V-shaped grooves, one planes of ~~with~~which are the planes of the light reflection portions.

5. (Currently Amended) A lighting apparatus according to claim 1,  
wherein

the linear photoconductor is longitudinally divided in a plural regions; and  
in each divided region, the planes of the plural light reflection portions are tilted at the same angle.

6. (Currently Amended) A lighting apparatus according to claim 2, wherein  
the linear photoconductor is longitudinally divided in a plural regions; and  
in each divided region, the planes of the plural light reflection portions are  
tilted at the same angle.

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cont.

7. (Original) A lighting apparatus according to claim 5, wherein  
the planes of the plural light reflection portions are tilted at the same angles in a  
region containing the center of the linear photoconductor and in the regions near the ends of  
the linear photoconductor.

8. (Original) A lighting apparatus according to claim 6, wherein  
the planes of the plural light reflection portions are tilted at the same angles in a  
region containing the center of the linear photoconductor and in the regions near the ends of  
the linear photoconductor.

9. (Original) A lighting apparatus according to claim 5, wherein  
in a first longitudinally divided region of the linear photoconductor, the planes  
of the light reflection portions are tilted equally at a first angle;

in a second region adjacent to the first region, the planes of the light reflection portions are tilted equally at a second angle which is different from the first angle; and

in a region near the border between the first region and the second region, the light reflection portions having the planes tilted at the first angle and the light reflection portions having the planes tilted at the second angle are mixed.

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10. (Original) A lighting apparatus according to claim 6, wherein  
in a first longitudinally divided region of the linear photoconductor, the planes of the light reflection portions are tilted equally at a first angle;

in a second region adjacent to the first region, the planes of the light reflection portions are tilted equally at a second angle which is different from the first angle; and

in a region near the border between the first region and the second region, the light reflection portions having the planes tilted at the first angle and the light reflection portions having the planes tilted at the second angle are mixed.

11. (Currently Amended) A lighting apparatus according to claim 1,  
wherein

the linear photoconductor ~~are~~is divided in a plurality of regions vertically to the longitudinal direction; and

in each divided region, the planes of the plural light reflection portions are tilted at the same angle.

12. (Currently Amended) A lighting apparatus according to claim 2, wherein

the linear photoconductor ~~are~~is divided in a plurality of regions vertically to the longitudinal direction; and

in each divided region, the planes of the plural light reflection portions are tilted at the same angle.

13. (Original) A lighting apparatus according to claim 1, wherein the light reflection portions are extended obliquely to the longitudinal direction of the linear photoconductor.

14. (Original) A lighting apparatus according to claim 2, wherein the light reflection portions are extended obliquely to the longitudinal direction of the linear photoconductor.

15. (Currently Amended) A lighting apparatus according to claim 1, wherein

the planes of the plural light reflection portions are respectively tilted at the different angles which converge according to the positions of the light reflection portions so that the light emitted substantially from the center of the light source is converged to the human eyes watching viewpoint.

16. (Original) A lighting apparatus according to claim 2, wherein  
the planes of the plural light reflection portions are respectively tilted at angles  
which cause the light emitted substantially from the center of the light source to exit  
substantially vertically to the longitudinal direction of the linear photoconductor.

17. (Currently Amended) A lighting apparatus according to claim 1,  
further comprising  
a surfaceplanar photoconductor optically coupled to the linear photoconductor,  
for causing the light entering from the linear photoconductor to exit in plane.

18. (Currently Amended) A lighting apparatus according to claim 2,  
further comprising  
a surfaceplanar photoconductor optically coupled to the linear photoconductor,  
for causing the light entering from the linear photoconductor to exit in plane.

19. (Currently Amended) A lighting apparatus according to claim 1,  
wherein  
~~the linear photoconductor has the reflection side~~ of the linear photoconductor is  
curved.

20. (Currently Amended) A lighting apparatus according to claim 2,  
wherein  
~~the linear photoconductor has the reflection side~~ of the linear photoconductor is  
curved.

21. (Currently Amended) A lighting apparatus according to claim 1,  
wherein  
a width of one set of planes of the light reflection portions, and a width of ~~the~~  
~~other~~ another set of planes of the light reflection portions are different from each other.

22. (Currently Amended) A lighting apparatus according to claim 2,  
wherein  
a width of one set of planes of the light reflection portions, and a width of ~~the~~  
~~other~~ another set of planes of the light reflection portions are different from each other.

23. (Original) A lighting apparatus according to claim 1, wherein  
a reflection coat film is further formed on the reflection side of the linear  
photoconductor.

24. (Original) A lighting apparatus according to claim 2, wherein  
a reflection coat film is further formed on the reflection side of the linear  
photoconductor.

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cont.

25. (Original) A lighting apparatus according to claim 1, further  
comprising  
reflection means provided on the reflection side of the linear photoconductor  
separately from the linear photoconductor.

26. (Original) A lighting apparatus according to claim 2, further  
comprising  
reflection means provided on the reflection side of the linear photoconductor  
separately from the linear photoconductor.

27. (Original) A lighting apparatus according to claim 1, wherein  
the linear photoconductor is formed substantially in a square pole.



28. (Original) A lighting apparatus according to claim 2, wherein the linear photoconductor is formed substantially in a square pole.

29. (Currently Amended) A liquid crystal display comprising a lighting apparatus including a light source for emitting light, a linear photoconductor for reflecting light incident on a plurality of light reflection portions formed on ~~the~~a reflection side from the light source and causing the light to exit linearly from ~~the~~an exit side opposed to the reflection side, and a ~~surface~~planar photoconductor optically coupled to the linear photoconductor and causing the light entering from the linear photoconductor to exit in plane; and a liquid crystal panel illuminated by the lighting apparatus,

the light emitted by the light source being introduced into the linear photoconductor through the end of the linear photoconductor,

planes of the plural light reflection portions being respectively tilted at ~~an~~a plurality of different angles which converges according to the positions of the light reflection portions so that the light is converged to the human eyes watching on a viewpoint.

30. (Currently Amended) A liquid crystal display comprising a lighting apparatus including a light source for emitting light, a linear photoconductor for reflecting light incident on a plurality of light reflection portions formed on ~~the~~a reflection side from the light source and causing the light to exit linearly from ~~the~~an exit side opposed

to the reflection side, and a ~~surface~~planar photoconductor optically coupled to the linear photoconductor and causing the light entering from the linear photoconductor to exit in plane; and a liquid crystal panel illuminated by the lighting apparatus,

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encl.* the light emitted by the light source being introduced into the linear photoconductor through the end of the linear photoconductor,

planes of the plural light reflection portions being respectively tilted at a plurality of different angles ~~which cause~~according to the positions of the light reflection portions so that the light to exit~~exits~~ substantially vertically to the longitudinal direction of the linear photoconductor.

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